

INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI 2004/000612

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04B 10/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL,WPI,PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1009156 A2 (TADIRAN TELECOMMUNICATIONS LTD. PETAH-TIKVA 49104 (IL)), 14 June 2000 (14.06.2000), column 1, line 44 - line 47, part(0012) --	1-4
X	DATABASE WPI Derwent Publications Ltd.,London,GB Class W01 W02,AN1999-088233 & JP10322460 A(MATSUSHITA ELECTRIC IND CO LTD) 4 December 1998(1998-12-04) abstract --	1-4
X	US 6577882 B1 (STURE ROOS), 10 June 2003 (10.06.2003), column 2, line 18 - line 22 --	1-4

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

2 March 2005

Date of mailing of the international search report

03-03-2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4525834 A (K.D.SCHENKEL ET AL), 25 June 1985 (25.06.1985), column 2, line 45 - column 3, line 6, figure 1 --	1-4
X	DE 4217297 A1 (SIEMENS AG), 2 December 1993 (02.12.1993), abstract -- -----	1-4

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/FI 2004/000612

EP	1009156	A2	14/06/2000	NONE		
US	6577882	B1	10/06/2003	AU	7820300 A	24/04/2001
				BR	0014245 A	21/05/2002
				CN	1376358 T	23/10/2002
				EP	1216572 A	26/06/2002
				SE	9903476 A	25/03/2001
				WO	0122716 A	29/03/2001
US	4525834	A	25/06/1985	AT	17905 T	15/02/1986
				CA	1160771 A	17/01/1984
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				SE	0053674 T3	
				JP	1631637 C	26/12/1991
				JP	2059658 B	13/12/1990
				JP	57121342 A	28/07/1982
DE	4217297	A1	02/12/1993	NONE		